

Listing of claims

1. (Currently Amended) A ~~hose tubular structure~~ for use in applications where dissipation of static electricity buildup is not required, wherein said hose comprising:

a tubular structure having a wall consisting essentially of polybutylene terephthalate or polybutylene naphthalate, wherein said polybutylene terephthalate or said polybutylene naphthalate extends throughout the entire wall of said tubular structure from an inner surface thereof to an outer surface thereof, with the proviso that said tubular structure does not include a conductive agent.

2. (Currently Amended) The ~~hose tubular structure~~ of claim 1, wherein a protective cover surrounds the outer surface of said polybutylene terephthalate or said polybutylene naphthalate tubular structure, wherein said protective cover is selected from the group consisting of polyesters, ~~polyamides~~, polyurethanes, polyvinyl chloride, ~~polyolefins~~, chlorinated polyolefins, polyalkylene terephthalates, and polyalkylene naphthalates

3. (Canceled)

4. (Currently Amended) The ~~hose tubular structure~~ of claim 3 2, wherein said protective cover is a chlorinated polyolefin.

5. (Currently Amended) The ~~hose tubular structure~~ of claim 4, wherein said protective cover is chlorinated polyethylene.

6. (Currently Amended) The ~~hose tubular structure~~ of claim 2 wherein a tie layer is disposed between said polybutylene terephthalate or said polybutylene naphthalate and said protective cover.

7. (Currently Amended) The ~~hose tubular structure~~ of claim 6 wherein said tie layer is an anhydride-modified linear low density polyethylene.

8. (Currently Amended) The ~~hose tubular structure~~ of claim 1, wherein said tubular structure is corrugated to provide improved flexibility.

9. (Currently Amended) The ~~hose tubular structure~~ of claim 1, wherein said tubular structure consists essentially of a polybutylene terephthalate extending throughout said tubular structure from said inner surface to said outer surface.

10. (Currently Amended) The ~~hose tubular structure~~ of claim 1, wherein said tubular structure consists essentially of a polybutylene naphthalate extending throughout said tubular structure from said inner surface to said outer surface.

11. (Currently Amended) In a ~~hose tubular structure~~ for use in applications where dissipation of static electricity buildup is not required, the improvement wherein said hose comprises a tubular structure consisting essentially of polybutylene terephthalate, wherein said polybutylene terephthalate extends throughout the entire tubular structure from an inner surface thereof to an outer surface thereof;

a chlorinated polyethylene protective cover surrounding the outer surface of said polybutylene terephthalate tubular structure; and

a tie layer disposed between said polybutylene terephthalate and said chlorinated polyethylene protective cover; ~~the improvement wherein the tubular structure consists essentially of polybutylene terephthalate wherein said polybutylene terephthalate extends throughout said tubular structure from an inner surface thereof to an outer surface thereof.~~

12-16 (Canceled)

17. (Currently Amended) The ~~hose tubular structure~~ of claim ~~11, 16~~ wherein said tie layer is an anhydride-modified linear low density polyethylene.

18. (Currently Amended) The ~~hose tubular structure~~ of claim 11, wherein said tubular structure is corrugated to provide improved flexibility.

19. (Currently Amended) In a ~~hose tubular structure~~ for use in applications where dissipation of static electricity buildup is not required, the improvement wherein said hose comprises a tubular structure consisting essentially of polybutylene naphthalate, wherein said polybutylene naphthalate extends throughout the entire tubular structure from an inner surface thereof to an outer surface thereof;

a chlorinated polyethylene protective cover surrounding the outer surface of said polybutylene naphthalate tubular structure; and

a tie layer disposed between said polybutylene naphthalate tubular structure and said chlorinated polyethylene protective cover; ~~the improvement wherein the tubular structure consists essentially of polybutylene terephthalate wherein said polybutylene terephthalate extends throughout said tubular structure from an inner surface thereof to an outer surface thereof.~~

20-24 (Canceled)

25. (Currently Amended) The ~~hose tubular structure~~ of claim 19, 24 wherein said tie layer is an anhydride-modified linear low density polyethylene.

26. (Currently Amended) The ~~hose tubular structure~~ of claim 19 wherein said tubular structure is corrugated to provide improved flexibility.